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ŗ,

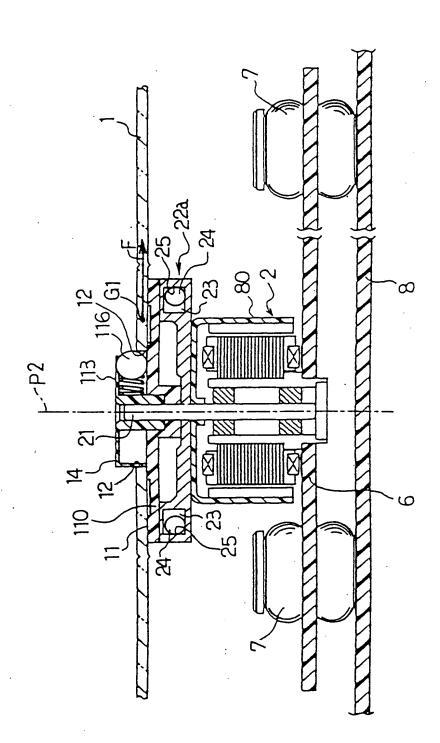
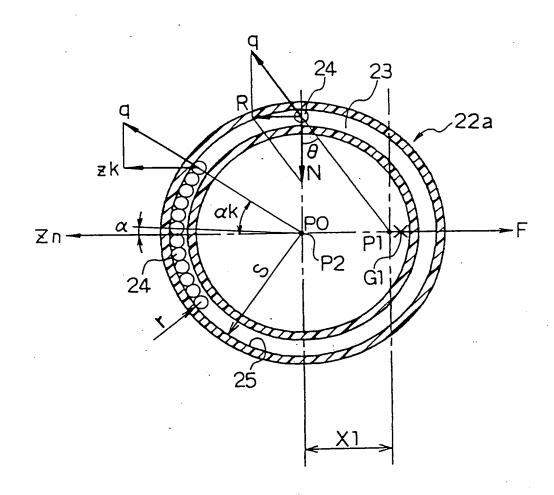
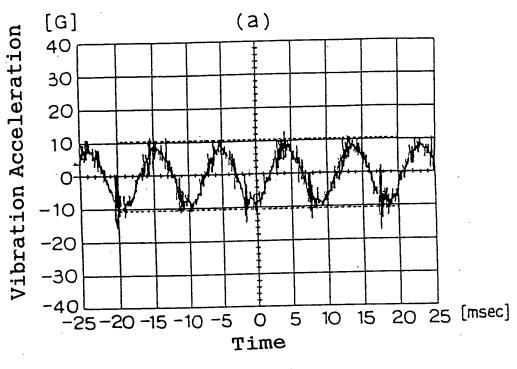


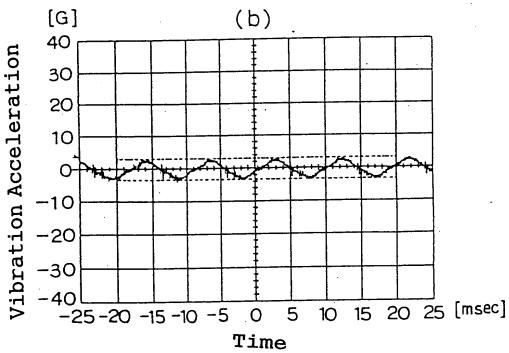
FIG. 2



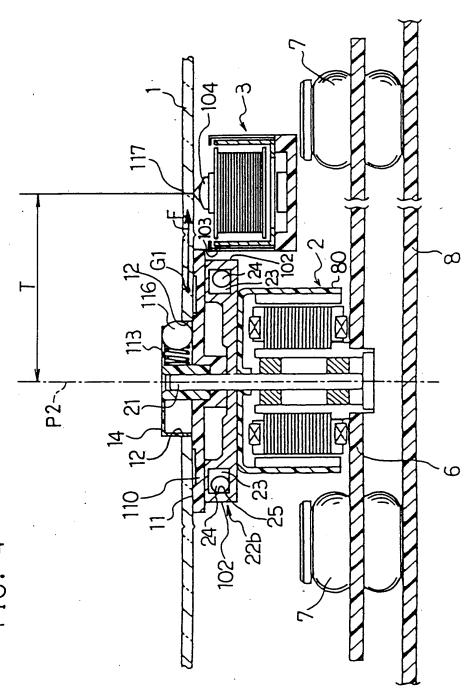
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FIG. 3

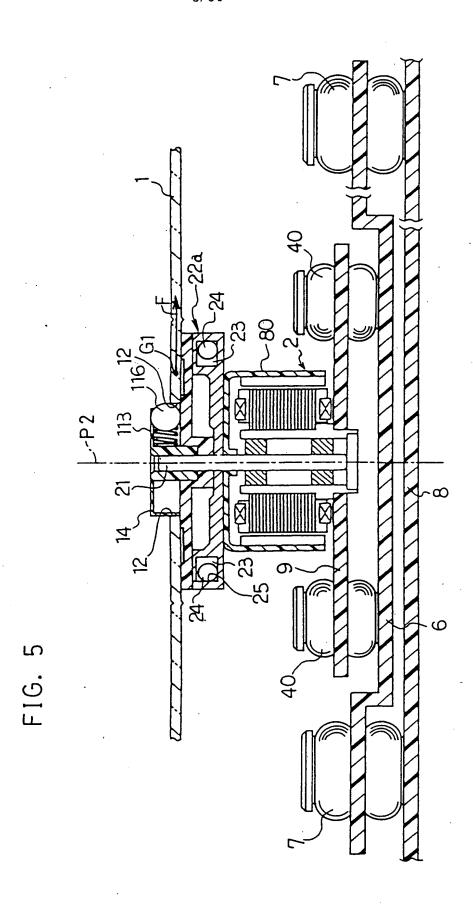




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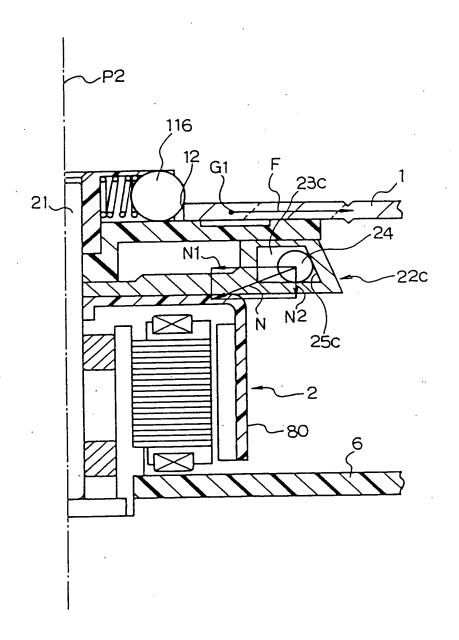


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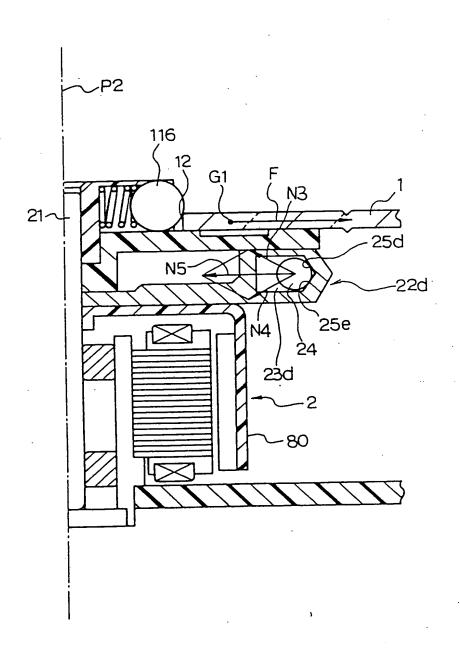
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FIG. 6



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FIG. 7



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FIG. 8

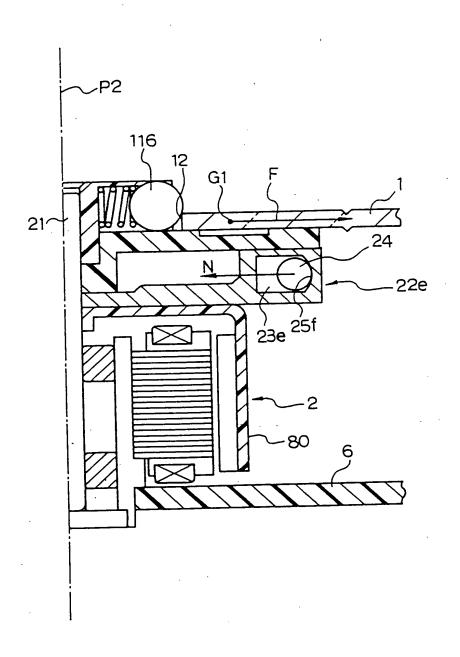
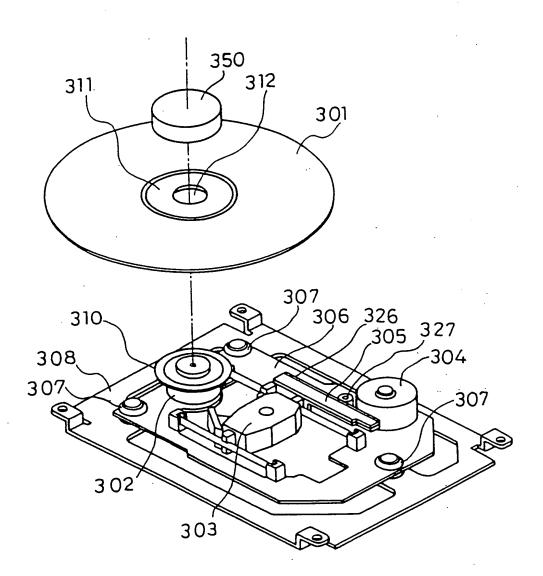


FIG. 9



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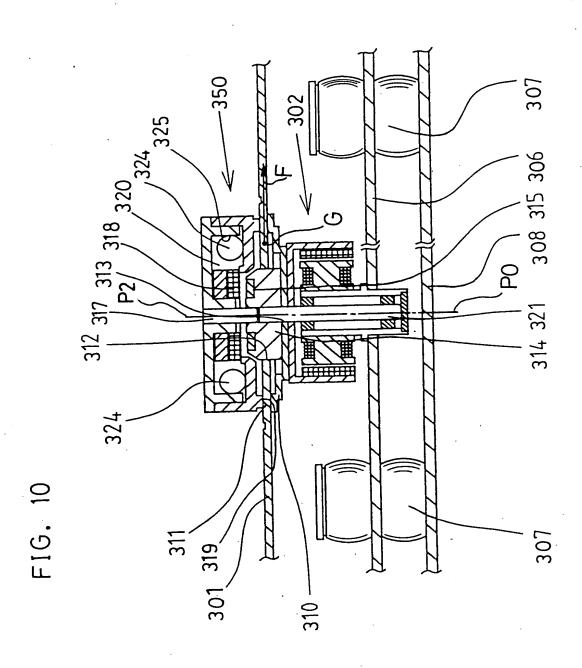
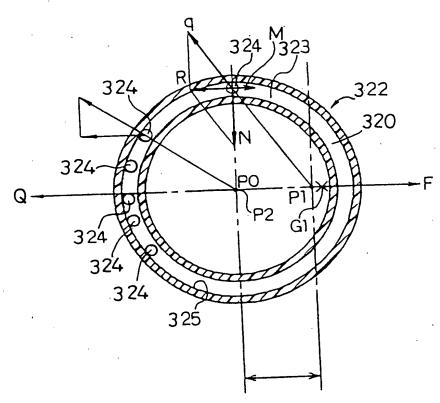
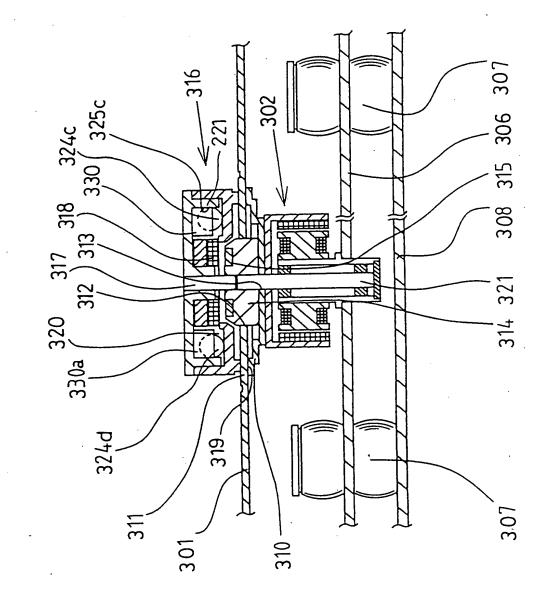


FIG. 11



Offset amount

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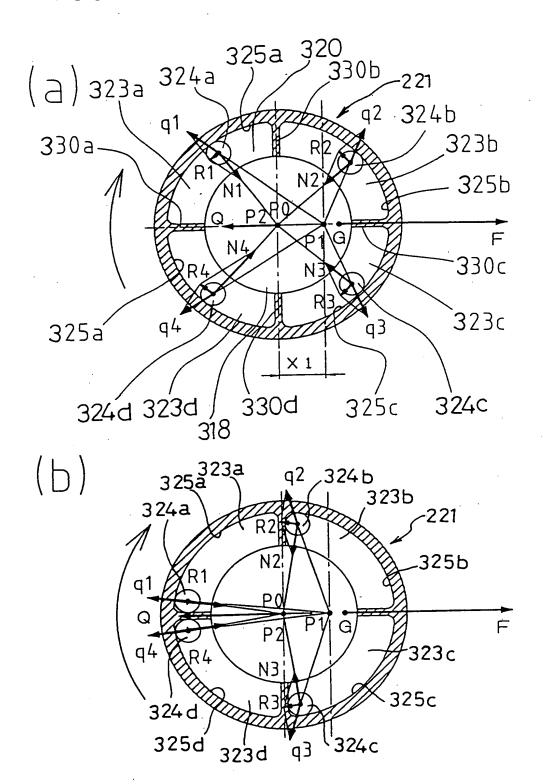


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FIG. 13

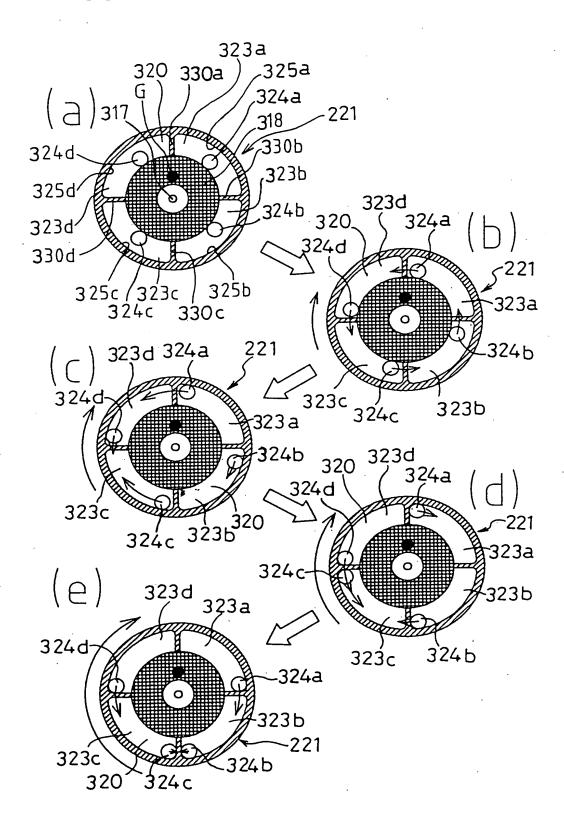


Title: Disk Drive Apparatus Inventor: Kiyoshi Masaki et al.

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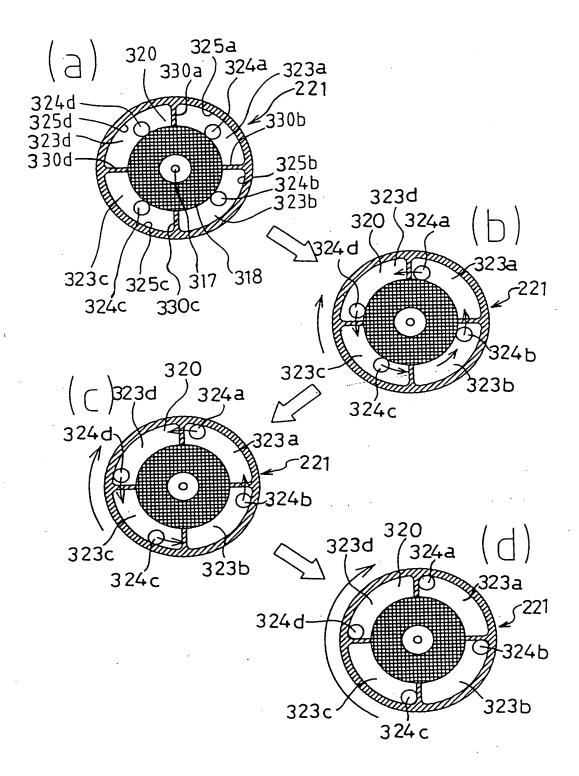
FIG. 14



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Atty. Docket No.: 8861-385U1

FIG. 15



Inventor: Kiyoshi Masaki et al. Exp. Mail #EL 960413255 US Cust. No.: 570 Atty. Docket No.: 8861-385U1

FIG. 16

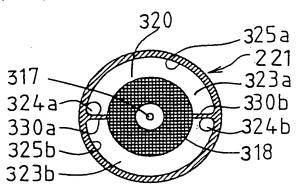


FIG. 17

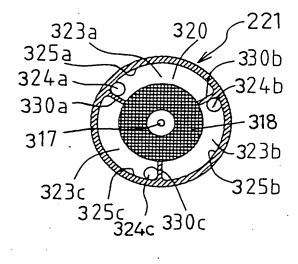
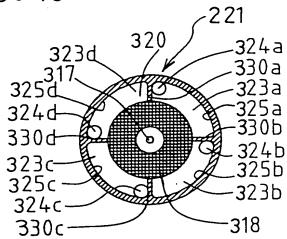


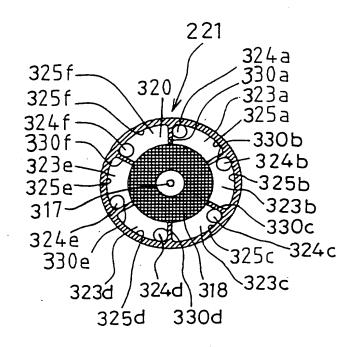
FIG. 18

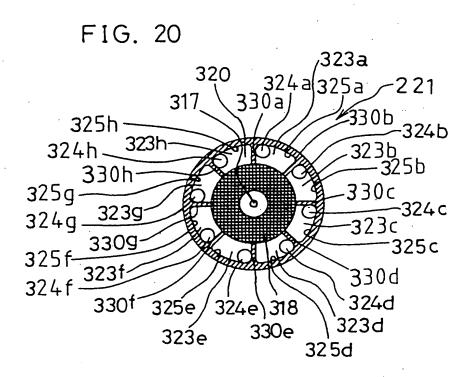


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FIG. 19

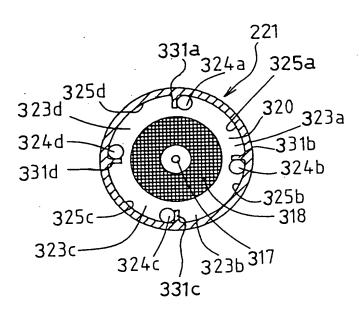




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FIG. 21



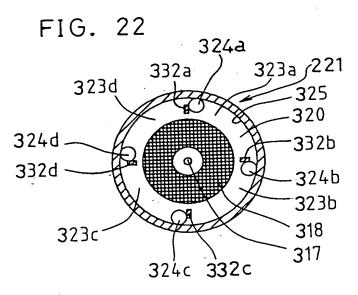
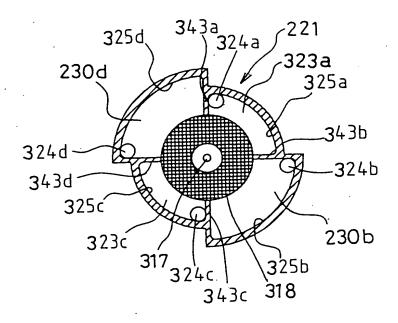
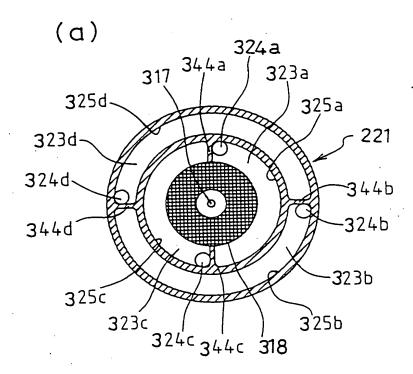


FIG. 23

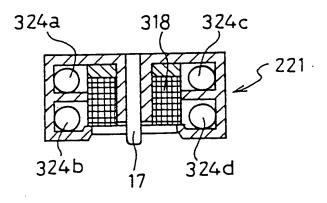


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FIG. 24

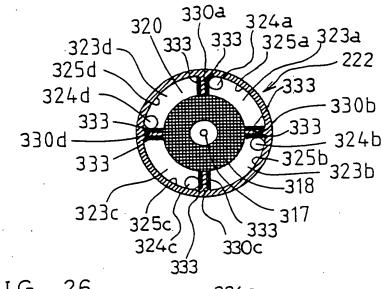


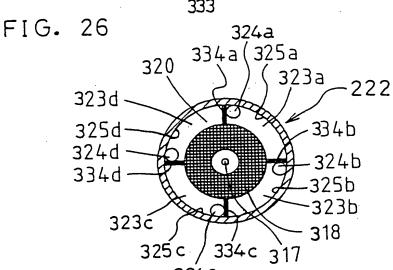
(b)



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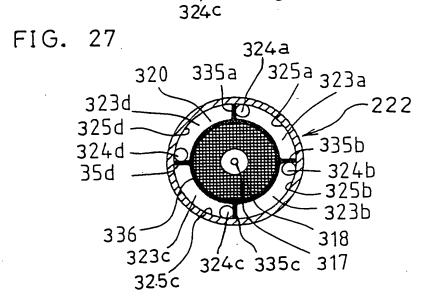
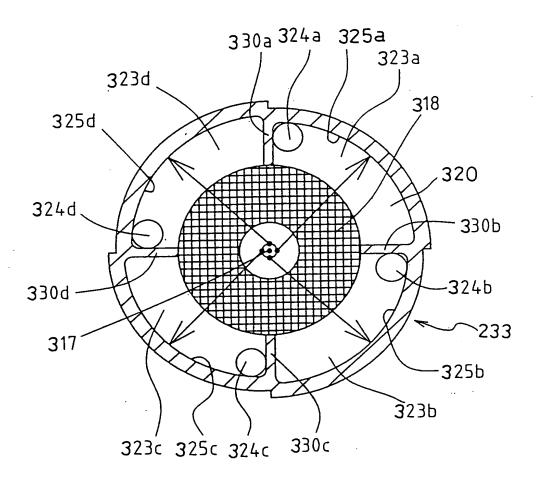


FIG. 28

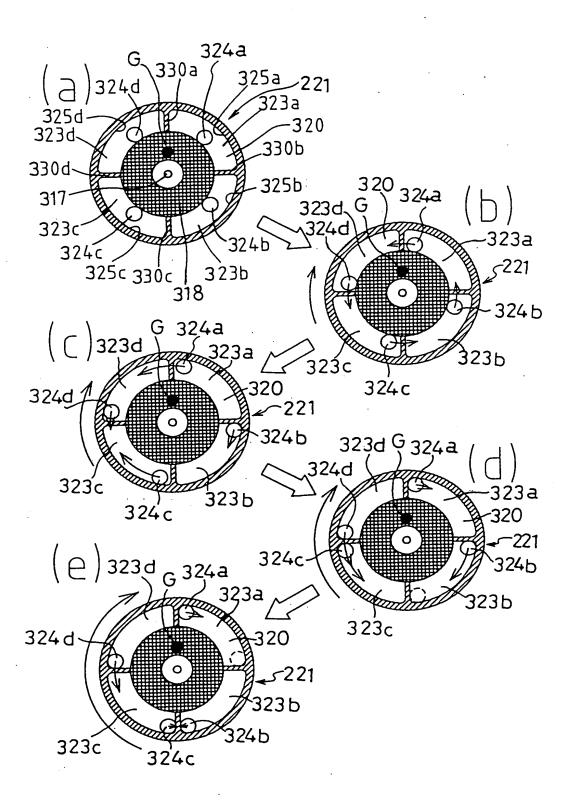


Title: Disk Drive Apparatus Inventor: Kiyoshi Masaki et al.

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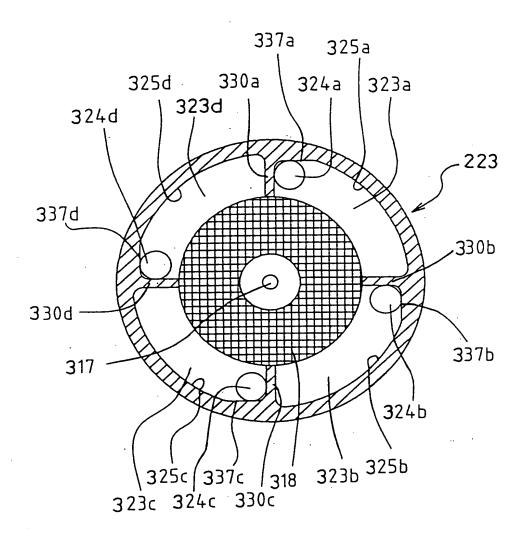
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FIG. 29



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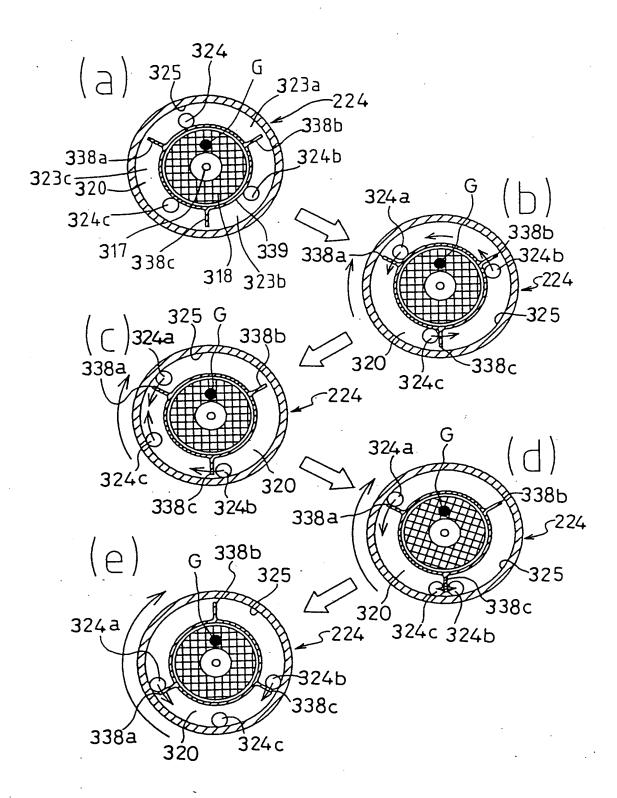
FIG. 30



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FIG. 31

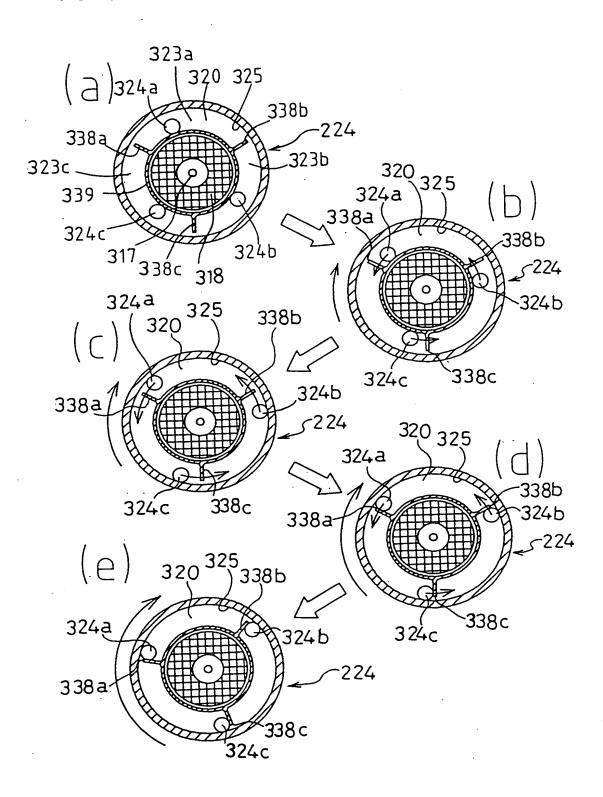


Title: Disk Drive Apparatus Inventor: Kiyoshi Masaki *et al.*

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FIG. 32



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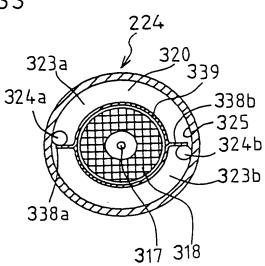


FIG. 34

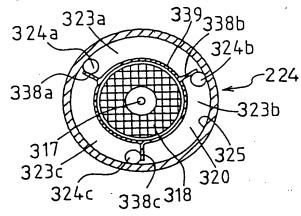
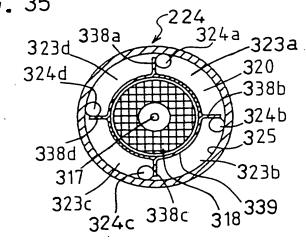


FIG. 35



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FIG. 36

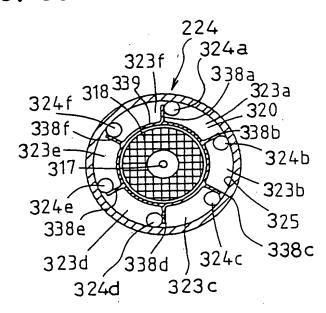
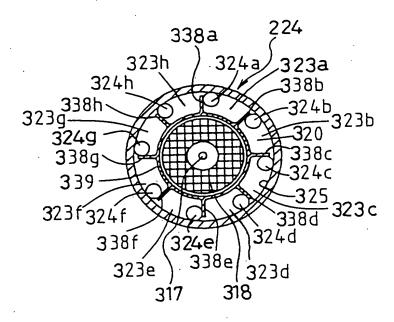


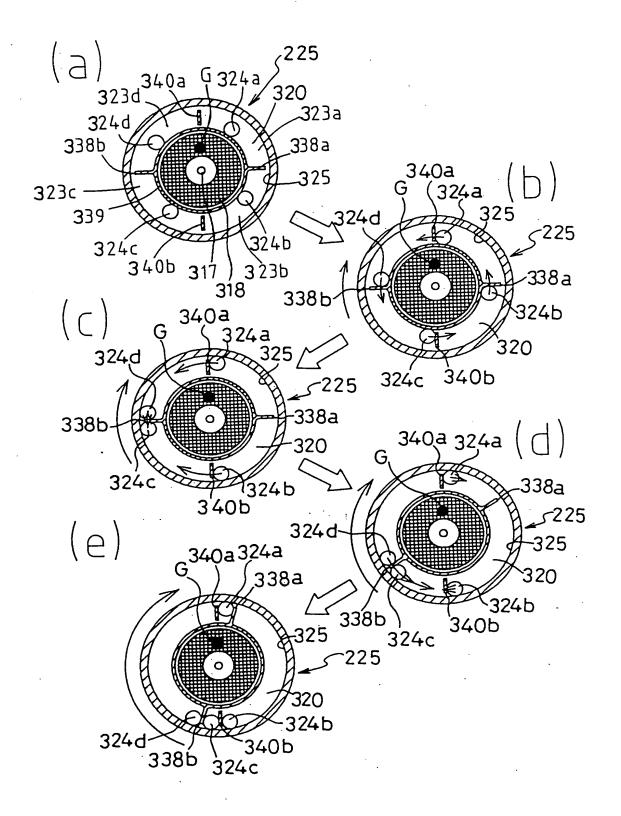
FIG. 37



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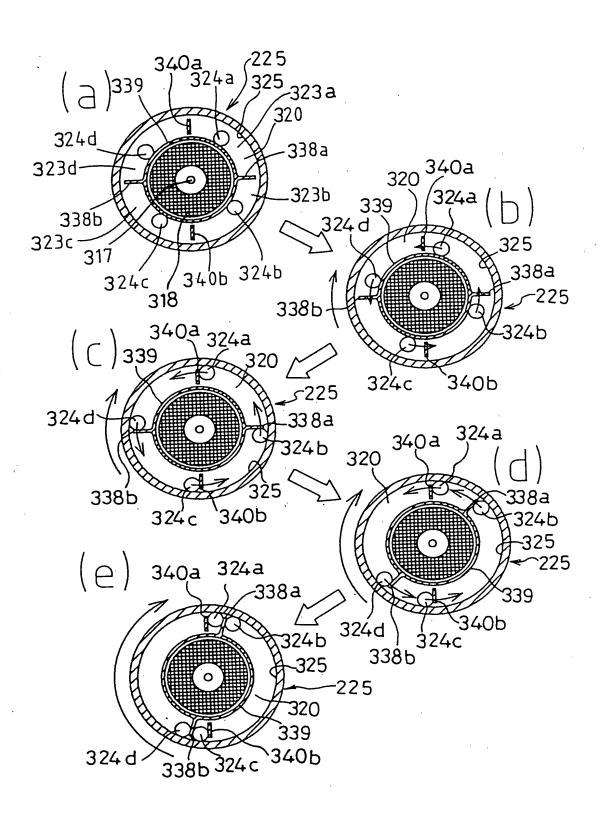
FIG. 38



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FIG. 39



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FIG. 40

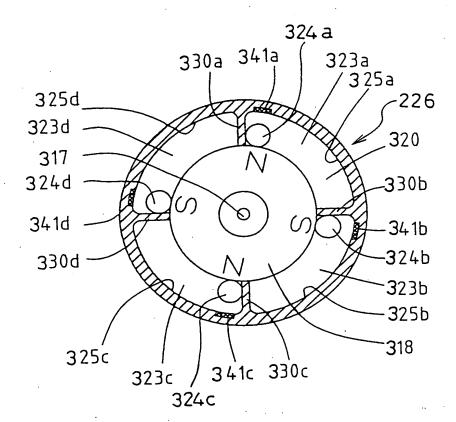
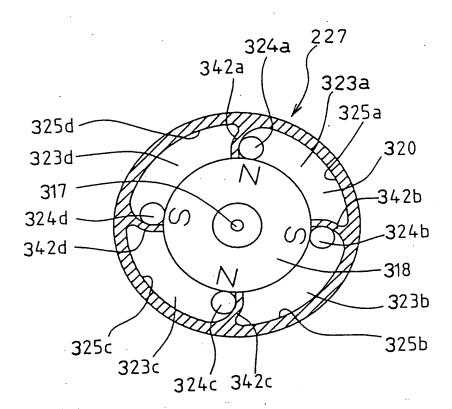
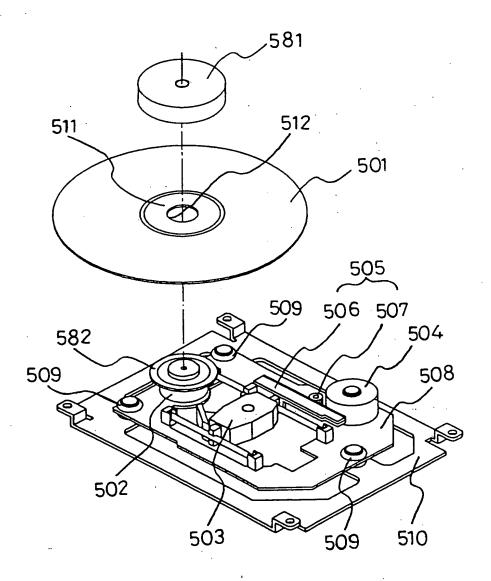


FIG. 41

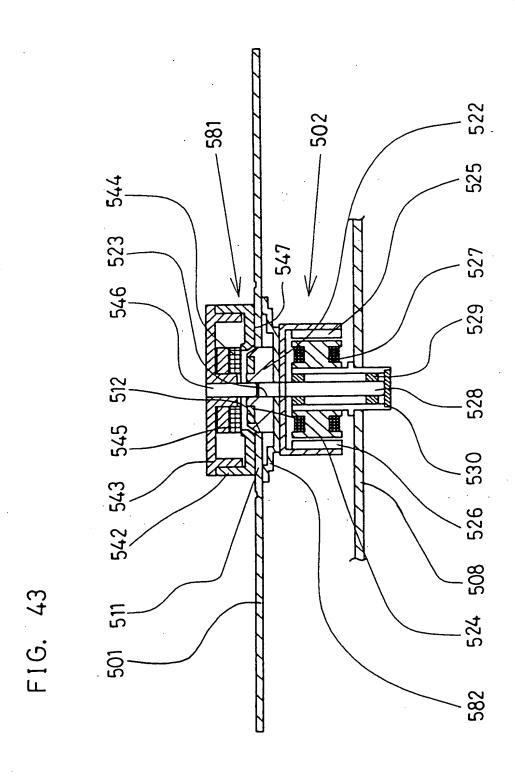


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FIG. 42



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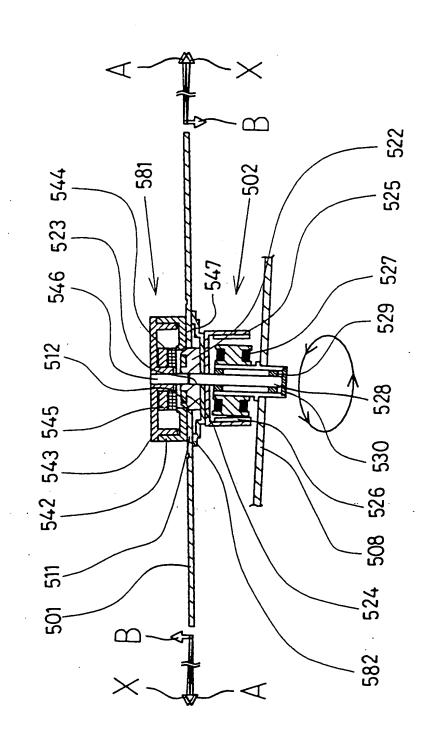
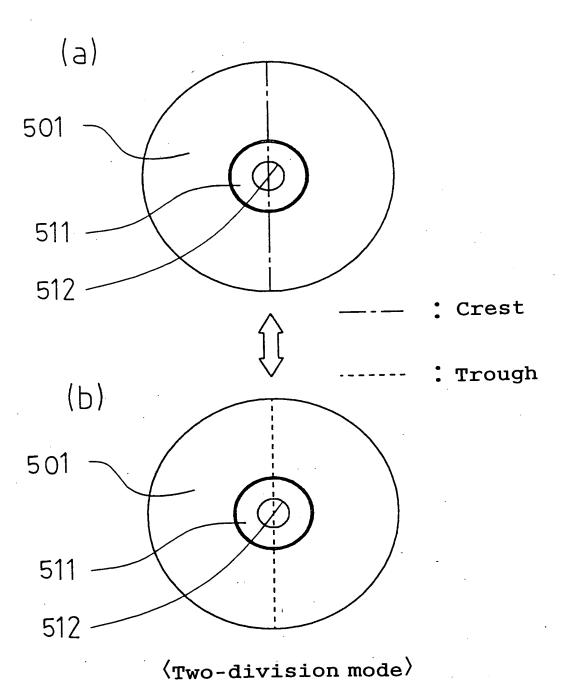
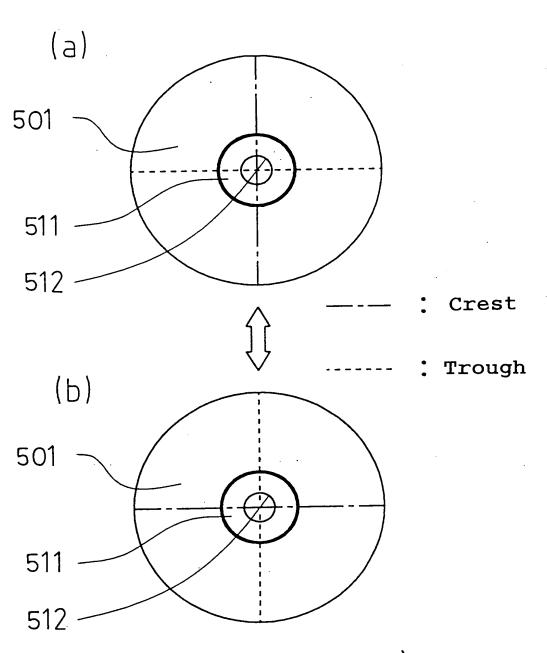


FIG. 45



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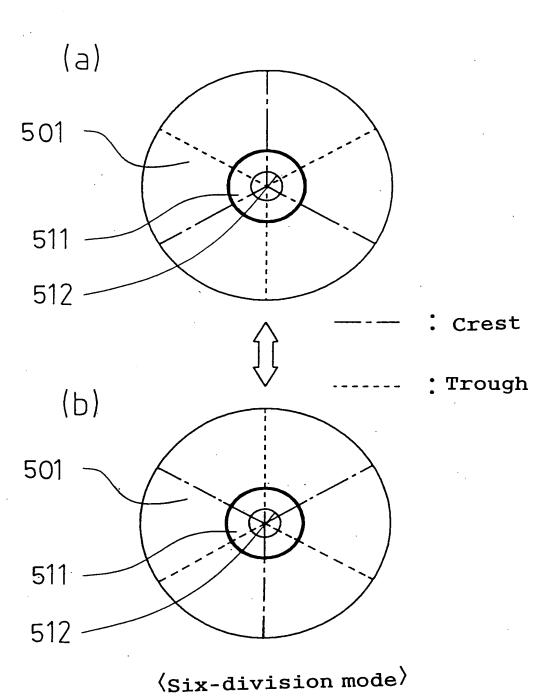
FIG. 46



 $\langle { t Four-division mode}
angle$

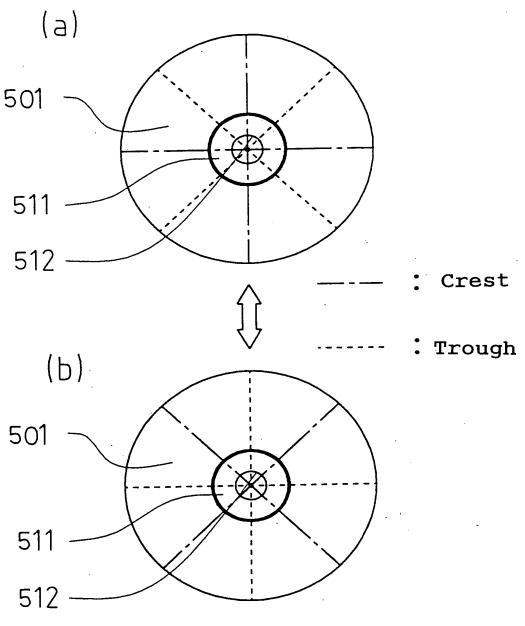
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FIG. 47



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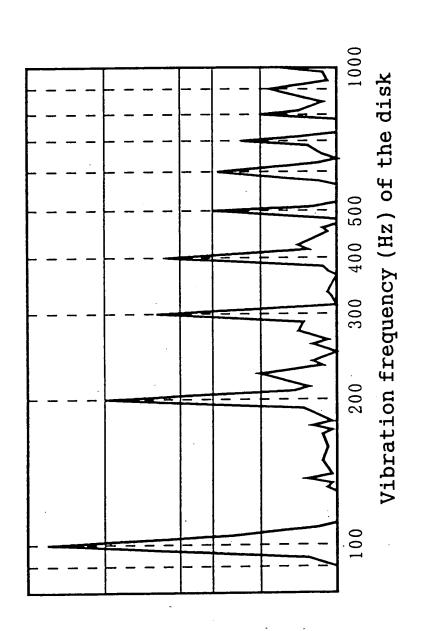
FIG. 48



 $\langle { t Eight-division mode}
angle$

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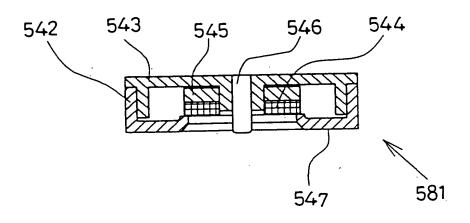
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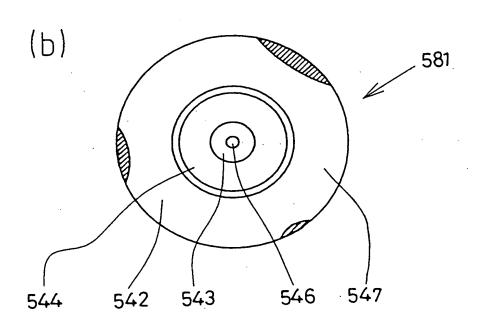


Amplitude (dB) of the disk

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FIG. 50

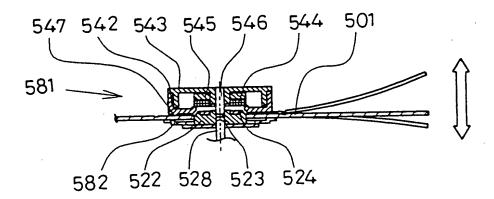




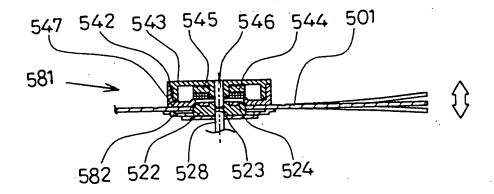
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FIG. 51

(a)

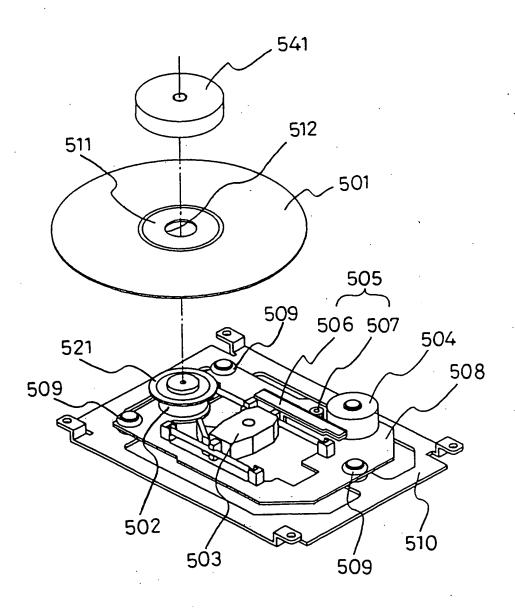


(P)

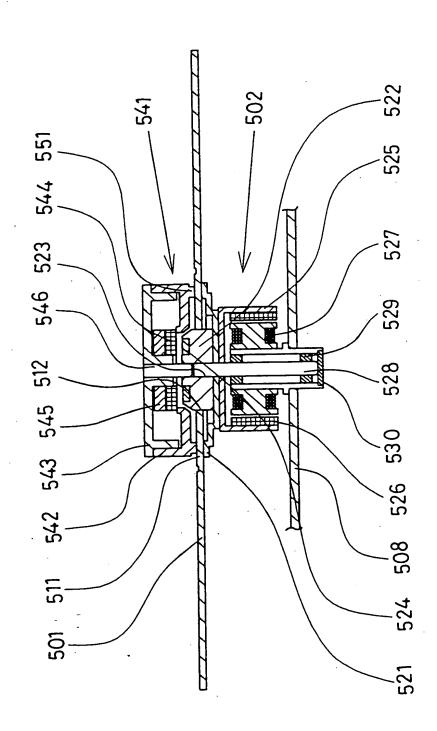


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FIG. 52

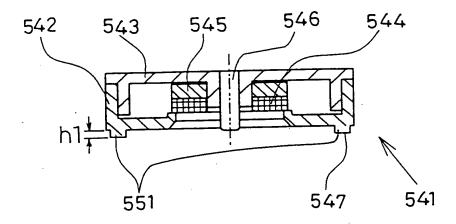


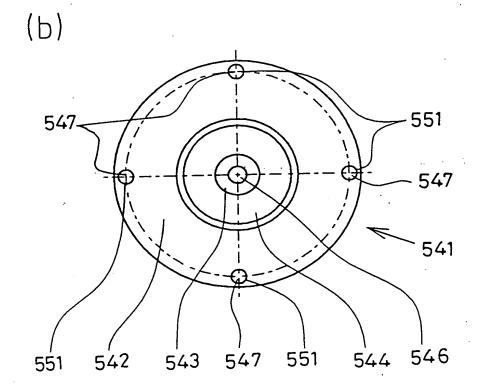
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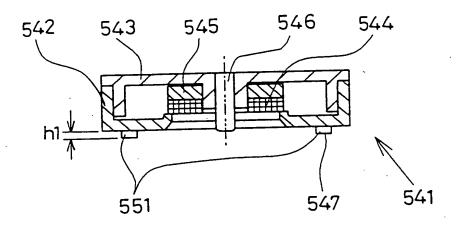
FIG. 54

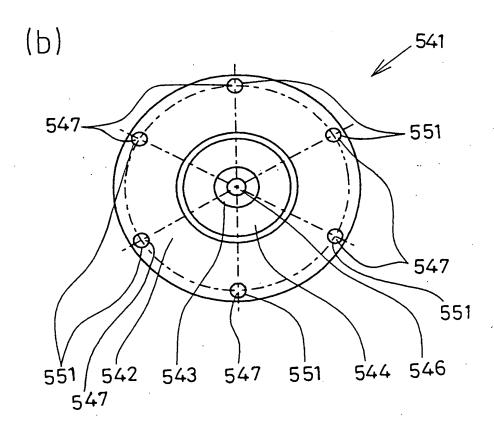




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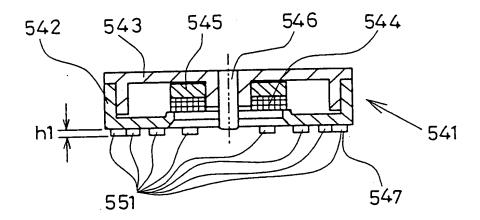
FIG. 55

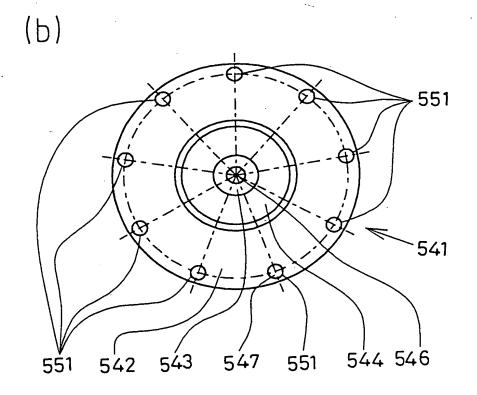




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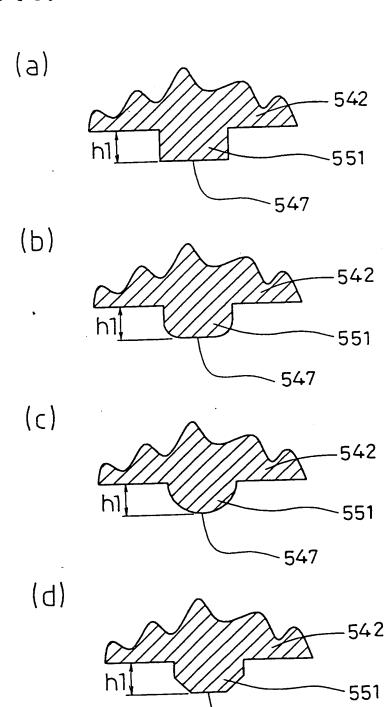
FIG. 56





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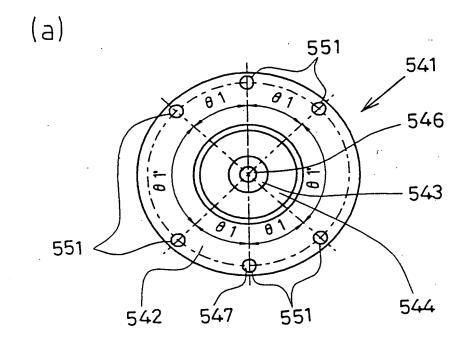
FIG. 57

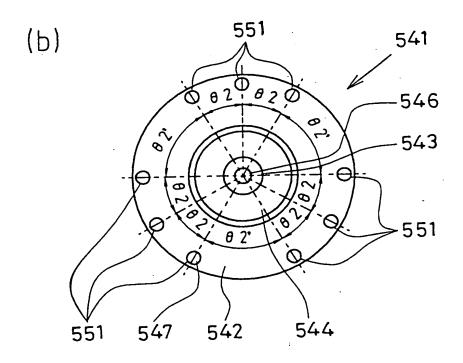


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FIG. 58





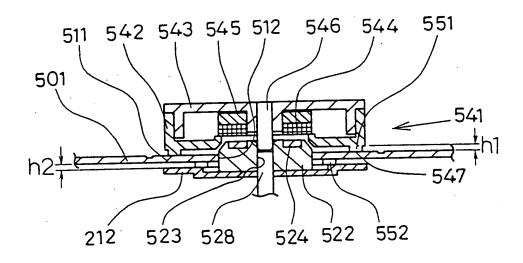
Title: Disk Drive Apparatus Inventor: Kiyoshi Masaki *et al.* Exp. Mail #EL 960413255 US Cust. No.: 570

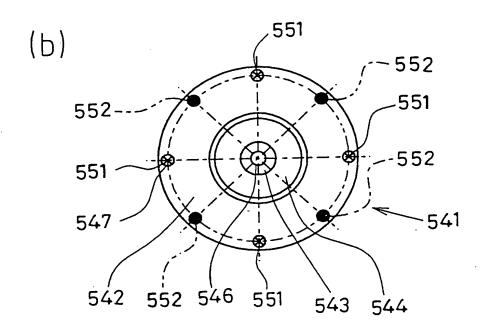
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FIG. 59

(a)





Turntable projection

Clamper projection

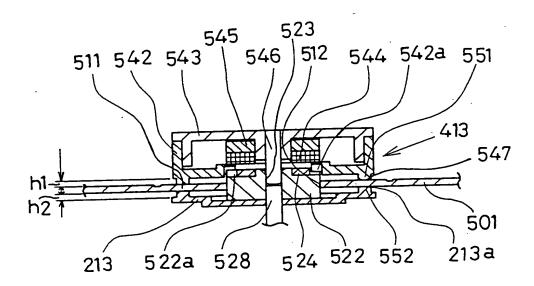
Inventor: Kiyoshi Masaki *et al.* Exp. Mail #EL 960413255 US Cust. No.: 570

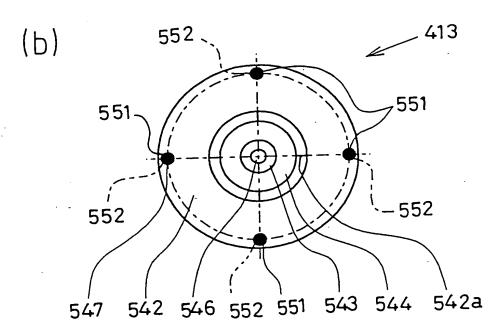
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FIG. 60

(a)



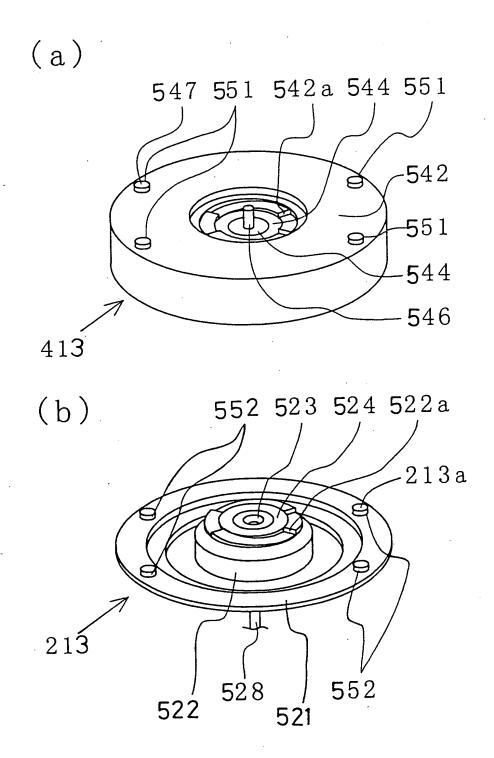


Turntable projection

: Clamper projection

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FIG. 61

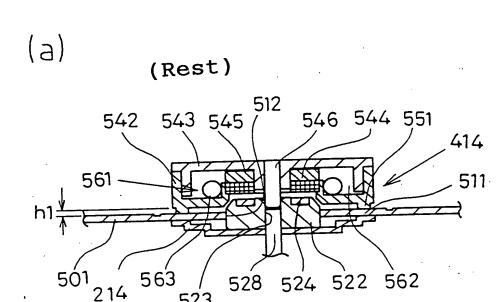


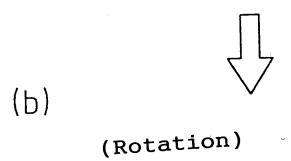
Inventor: Kiyoshi Masaki et al. Exp. Mail #EL 960413255 US Cust. No.: 570

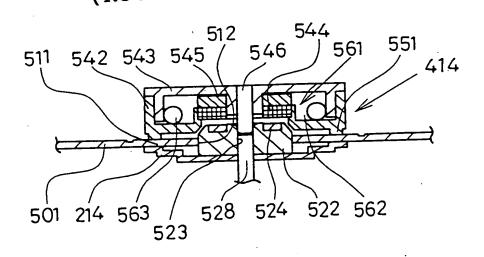
Atty. Docket No.: 8861-385U1

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FIG. 62



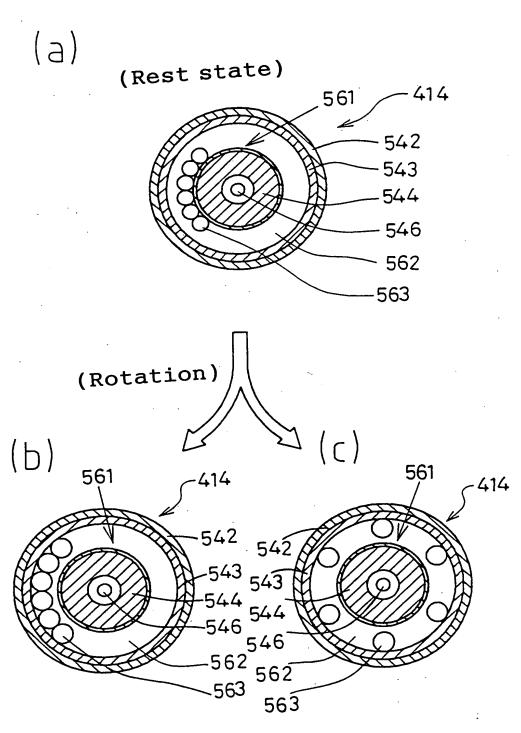




Inventor: Kiyoshi Masaki et al. Exp. Mail #EL 960413255 US Cust. No.: 570 Atty. Docket No.: 8861-385U1

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FIG. 63



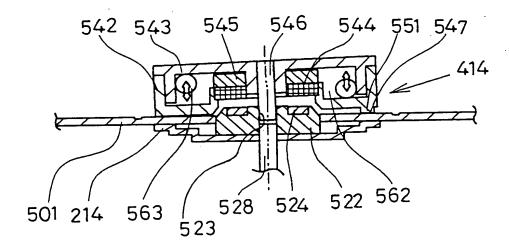
Imbalance

No Imbalance

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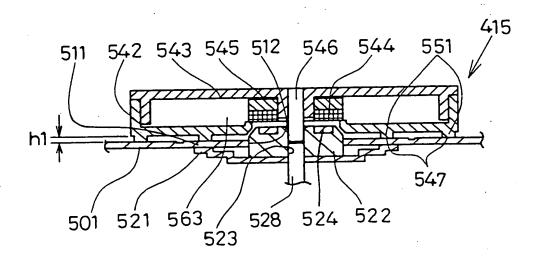
FIG. 64

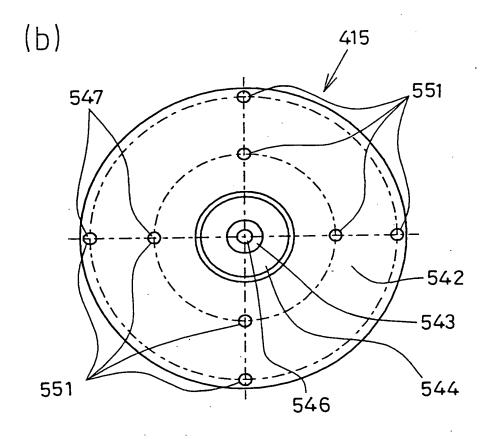
(Rotation state)



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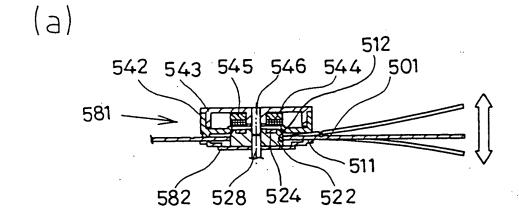
FIG. 65

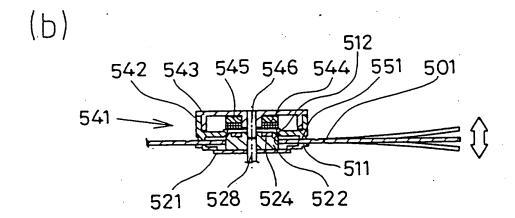


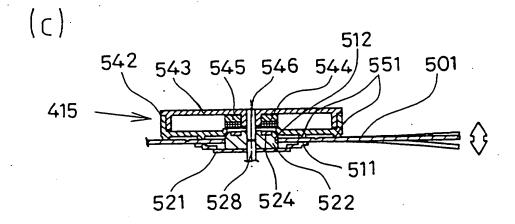


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FIG. 66

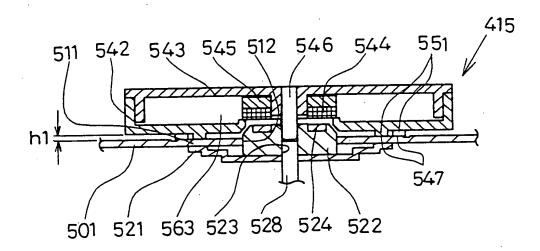


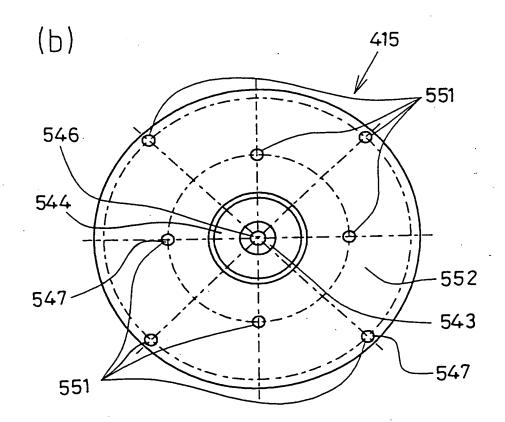




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FIG. 67

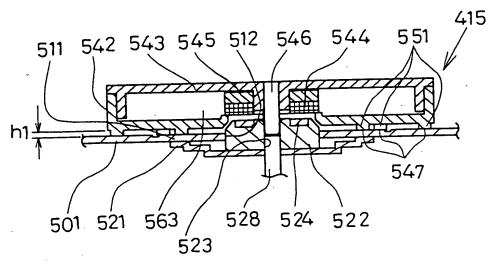


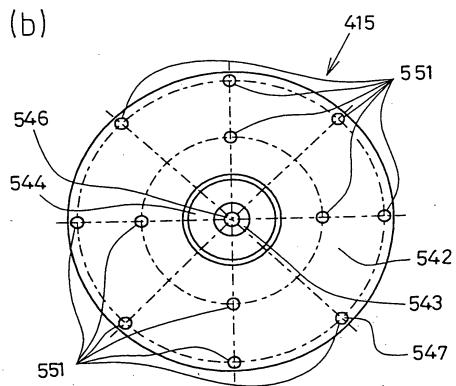


Inventor: Kiyoshi Masaki et al. Exp. Mail #EL 960413255 US Cust. No.: 570 Atty. Docket No.: 8861-385U1

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FIG. 68





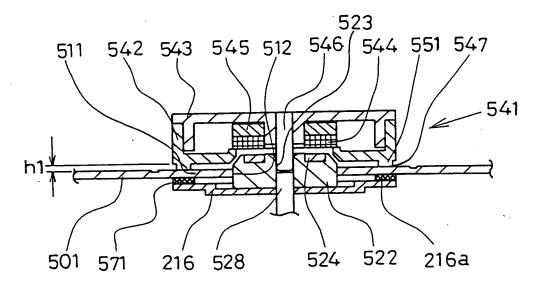
Title: Disk Drive Apparatus Inventor: Kiyoshi Masaki et al.

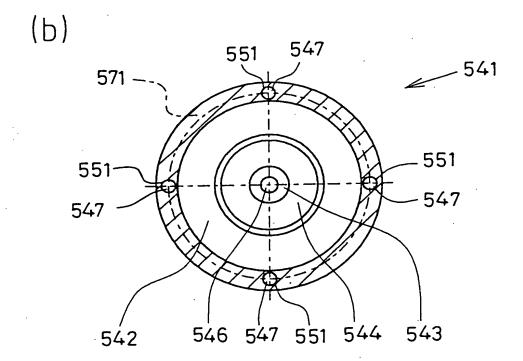
Exp. Mail #EL 960413255 US Cust. No.: 570

Atty. Docket No.: 8861-385U1

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FIG. 69





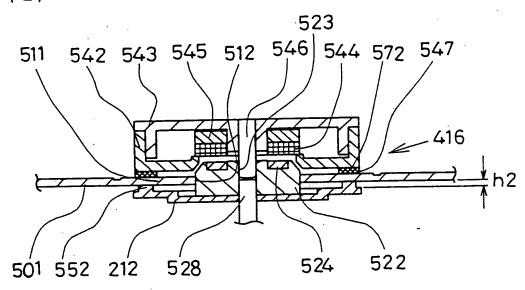
Inventor: Kiyoshi Masaki et al. Exp. Mail #EL 960413255 US Cust. No.: 570

Atty. Docket No.: 8861-385U1

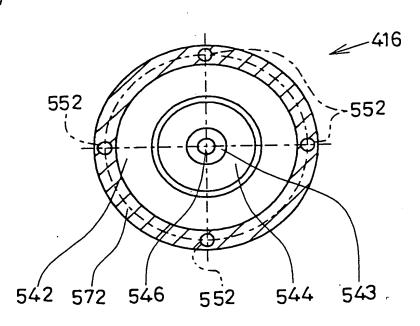
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FIG. 70

(a)



(P)

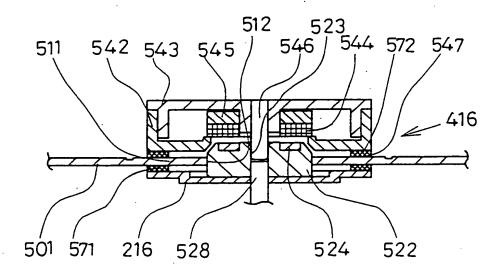


Inventor: Kiyoshi Masaki et al. Exp. Mail #EL 960413255 US Cust. No.: 570 Atty. Docket No.: 8861-385U1

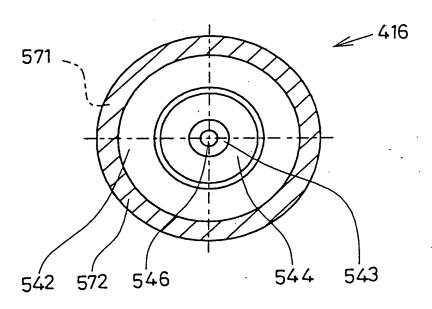
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FIG. 71

(a)

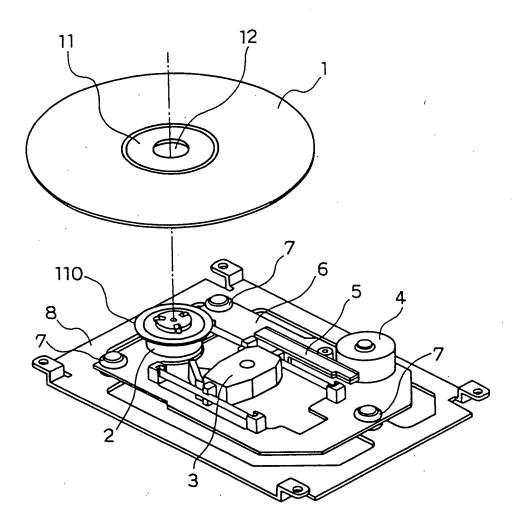


(P)



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FIG. 72



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